QINGDAO JINFOREST CHEM TECH CO.,LTD

CERTIFICATE OF ANALYSIS

Commodity	Cyclohexanone(CYC)		Standard	GB/T10669-2001
Production batch number	20251009		Inspection date	20251009
Items	Index			Result
	Superior	First-grade	Qualified	
Appearance	Transparent liquid,no visible impurities			Qualified
Purity,%(m/m) ≥	99.8	99.5	99	99.9334
Distillation range°C (at 0°C, 101.3kpa)	153.0~157.0		152.0~157.0	154.4~155.6
The temperature interval distillate 95ml °C≤	1.5	3.0	5.0	1.0
Chromaticity（in Hazen) (Pt-Co) ≤	15	25	/	5
Moisture, %(m/m) ≤	0.08	0.15	0.20	0.04
Conclusion	Superior			

Remarks:

Cyclohexanone chromatographic purity: 99.9742%

Unknown light components: 40 mg/kg

Valeraldehyde: <1 mg/kg

Unknown heavy components: <1 mg/kg

4-Methylcyclohexanone: 20 mg/kg

Cyclohexanol: 21 mg/kg

2-Heptanone: 55 mg/kg

2-Methylcyclopentanone: 40 mg/kg

N-Pentanol: 81 mg/kg